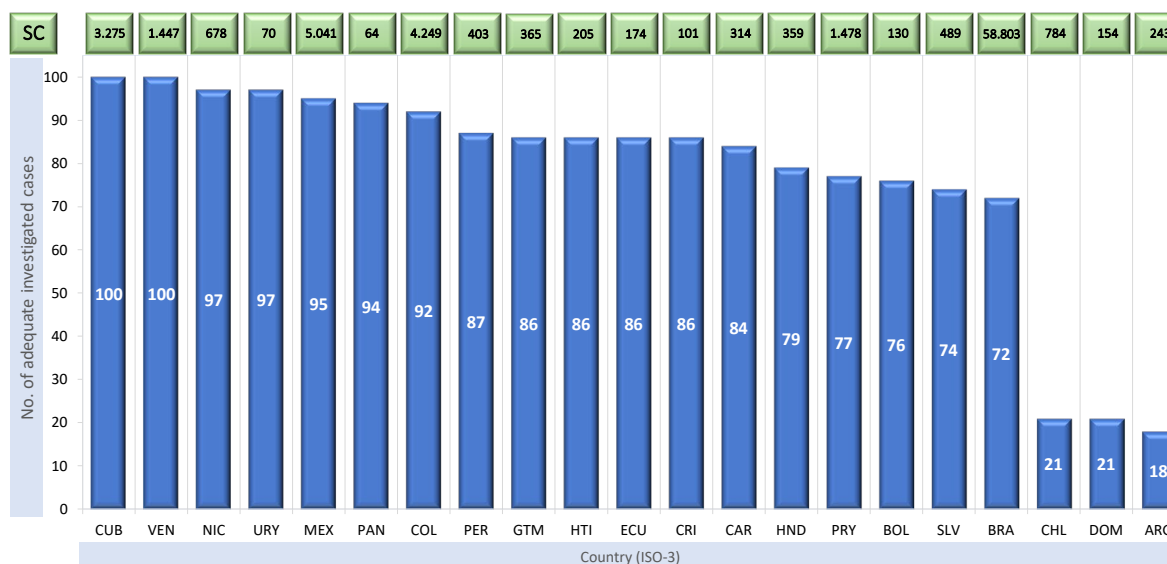




How many suspected measles and rubella (MR) cases are adequately investigated? Epidemiological weeks 1 to 49 of 2019



SC: Suspected case
Source: Measles Elimination Surveillance System, Integrated Surveillance Information System and country reports to FPL-IM/PAHO.

Table.1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for Weeks 01-49, 2019

Subregion and Country	Susp. Cases 2019	Measles Confirmed 2019				Year/Week Last Conf. Measles case	Rubella Confirmed 2019			Year/Week Last Conf. Rubella Case	Diagnosis of Discarded Cases 2019		Congenital Rubella Syndrome			Year/Week Last Conf. CRS Case	
		Clin.	Lab.	EPI link	Total		Clin.	Lab.	Total		Dengue	Others	Susp.	Conf.	CRI*		
AND	BOL	130	0	0	...	0	0	0	2006-03	1	120	8	0	0	...		
	COL ^a	4249	0	228	...	228	0	0	2012-31	1	3585	337	0	0	2005-34		
	ECU	174	0	0	0	0	0	0	2004-49	0	162	0	0	0	2011-14		
	PER	403	0	2	...	2	0	0	2009-04	0	391	0	0	0	2007-16		
	VEN	1447	100	397	23	520 ^b	0	0	2007-51	6	250	19	0	0	...		
BRA	BRA	58803	2931	10558	...	13489	0	0	2014-40	0	26597	30	0	0	2009-34		
CAP	CRI	101	0	10	...	10	0	0	2001-39	0	89	57	0	0	...		
	GTM	365	0	0	...	0	0	0	2006-31	2	363	2	0	0	2005-00		
	HND	359	0	0	...	0	0	0	2004-11	6	353	19	0	0	2001-00		
	NIC	678	0	0	...	0	0	0	2004-19	10	646	29	0	0	2005-00		
	PAN	64	0	0	...	0	0	0	2002-48	0	62	0	0	0	...		
	SLV	489	0	0	...	0	0	0	2006-30	0	489	0	0	0	2001-00		
CAR	CAR	314	0	4	1	5	0	0	2008-18	0	294	43	0	0	1999-00		
LAC	CUB	3275	0	1	...	1 ^b	0	0	2004-06	0	3275	0	0	0	1989-10		
	DOM	154	0	0	...	0	0	0	2007-45	8	135	0	0	0	...		
	HTI	205	0	0	...	0	0	0	2006-21	0	140	26	0	0	...		
MEX	MEX	5041	0	20	...	20	0	0	2018-14	0	4796	0	0	0	...		
NOA	CAN	...	...	104	9	113	...	...	2016-06	0	0	0	...	...	2018-39
	USA	...	...	1276	...	1276 ^c	...	...	2019-03	0	0	0	...	...	2017-00
SOC	ARG	243	0	73	...	73 ^d	0	3	3	2019-20	0	174	0	0	0	2009-27	
	CHL	784	0	11	...	11	0	1	1	2019-14	0	749	148	0	0	...	
	PRY	1478	0	0	...	0	0	0	2005-21	91	1192	5	0	0	2003-06		
	URY	70	0	9	...	9	...	...	2001-37	0	58	0	0	0	...
TOTAL		78826	3031	12693	33	15757	--	0	4	4	--	125	43920	723	0	0	--

*Congenital Rubella Infection.

...No updated report received

(a) *Boletín Epidemiológico Semanal*, SE 48-2019, Instituto Nacional de Salud, Colombia; (b) PAHO/WHO. Epidemiological Update. Measles 1 November 2019, Washington, D.C.: PAHO/WHO; 2019; (c) Centers for Disease Control and Prevention (<https://www.cdc.gov/measles/casesoutbreaks.html>). Cases as of 5 December 2019. Case count is preliminary and subject to change. Data are updated monthly; (d) *Boletín Integrado de Vigilancia*, N°475, *Semana Epidemiológica* 48/2019, Argentina



Table No.2
Infection Source of Measles and Rubella Confirmed Cases for the Period of Weeks 01-49, 2019

Subregion and Country		Measles				Rubella			
		I	IR	En.	U	I	IR	CAC	U
AND	BOL				30				
	COL	66	132						
	ECU								
	PER	1	1						
	VEN			520					
BRA	BRA	39		48	13402				
	CRI	1	9						
	GTM								
	HND								
	NIC								
CAR	PAN								
	SLV								
	CAR	5							
	LAC	1							
	CUB*								
MEX	DOM								
	HTI								
	MEX	6	14						
NOA	CAN	42	62		9				
	USA	133	1132		11				
	ARG	5	1		67				2
SOC	CHL	5	6			1			
	PRY								
	URY	2	6		1				
TOTAL		306	1363	568	13520	2	0	0	2

Table No.3
Measles/Rubella Suspect Cases Under Investigation for the Period of Weeks 01-49, 2019

Country	Pending Cases 2018	Cumulative 2019	Week of Onset							% Pend. Cases
			1-44	45	46	47	48	49		
BOL	3	9	5	0	1	1	2	0	7	
COL	184	436	436	0	0	0	0	0	10	
ECU	84	8	8	...	...	...	...	...	5
PER	0	10	5	3	2	0	0	0	2	
VEN	2	3	3	0	0	0	0	0	0	
BRA	465	19903	19903	0	0	0	...	...	34
CRI	23	2	2	0	0	0	0	0	2	
GTM	12	0	0	0	0	0	0	0	0	
HND	0	0	0	0	0	0	0	0	0	
NIC	0	22	12	1	3	4	1	1	3	
PAN	0	2	2	0	0	0	0	0	3	
SLV	0	0	0	0	0	...	...	...	0
CAR	0	15	10	3	1	0	0	1	5	
LAC	0	0	0	0	0	0	0	0	0	
CUB	0	0	0	0	0	0	0	0	0	
DOM	0	11	11	0	0	...	...	...	7
HTI	56	65	62	2	1	0	0	0	32	
MEX	0	225	133	13	18	22	23	16	4	
CAN	...	...	...	...	...	...	...	...	...
USA	...	...	...	...	...	...	...	...	...
ARG	77	2	2	0	0	0	0	0	1	
CHL	0	23	19	0	1	0	1	2	3	
PRY	6	195	113	8	19	23	17	15	13	
URY	0	3	3	...	...	...	...	...	4
TOTAL		912	20934	20729	30	46	50	44	35	27

I: Imported; IR: Import-related; En: Endemic case; U: Unknown.

... No updated report received

(a) PAHO/WHO. Epidemiological Update. Measles 1 November 2019, Washington, D.C.: PAHO/WHO; 2019.

Table 4
Indicators of Integrated Measles/Rubella Surveillance for Period of Weeks 01-49, 2019

Subregion and Country		Sites Reporting Weekly		% Cases with Adequate Investigation	% Cases with Adequate Sample	% Blood Samples Received in Lab. ≤5 days	% Lab. Results ≤4 days	Rate of Suspected Cases Last 52 weeks (2018/50-2019/49)		
		Total Units	% This Week					Measles/Rubella (100,000 pop.)	CRS (10,000 lb)	
AND	BOL	2657	...	76	68	66	64	1.2	0.3	
	COL	5261	97	92	96	92	96	4.6	9.7	
	ECU	2184	...	86	97	77	91	1.2	0.0	
	PER	7781	...	87	96	84	50	1.3	0.0	
	VEN	13092	...	100	62	10	16	1.6	0.3	
CAP	BRA	...	...	72	82	85	21	25.6	0.1
	CRI	57	61	86	42	86	79	2.0	8.4	
	GTM	1541	98	86	97	62	84	2.1	0.0	
	HND	469	90	79	99	80	99	4.3	1.1	
	NIC	185	100	97	95	93	83	10.9	6.5	
CAR	PAN	324	...	94	95	77	97	1.6	0.0	
	SLV	1283	...	74	98	97	95	8.0	0.0	
	LAC	CAR	763	93	84	97	9	84	4.2	11.6
	CUB	168	...	100	100	100	100	30.7	0.0	
	DOM	247	...	21	97	84	75	1.4	0.0	
MEX	HTI	652	87	86	93	70	66	1.9	1.0	
	MEX	20324	97	95	99	91	90	3.8	0.0	
	CAN	...	...	...	...	...	...	...	...
NOA	USA	...	...	...	...	...	...	...	...
	ARG	784	...	18	88	75	60	0.6	0.0	
	CHL	767	71	21	97	95	97	5.2	6.4	
	PRY	1257	...	77	90	86	80	22.3	0.3	
SOC	URY	155	...	97	54	54	46	2.0	0.0	
	Total and Average*	59951	48	76	85	85	37	11.1	1.1	

*Weighted

... No updated report received